



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**

REGION II
245 PEACHTREE CENTER AVENUE N.E., SUITE 1200
ATLANTA, GEORGIA 30303-1200

January 5, 2021

Mr. Orlando Hernandez
Security Manager
Florida Power & Light Company
6501 South Ocean Drive
Jensen Beach, FL 34957

SUBJECT: ST LUCIE NUCLEAR PLANT – SECURITY BASELINE INSPECTION REPORT
05000335/2020401 AND 05000389/2020401

Dear Mr. Hernandez:

On December 16, 2020, the U.S. Nuclear Regulatory Commission (NRC) completed an inspection at St Lucie Nuclear Plant and discussed the results of this inspection with you and other members of your staff. The results of this inspection are documented in the enclosed report.

No findings or violations of more than minor significance were identified during this inspection.

This letter, its enclosure, and your response (if any) will be made available for public inspection and copying at <http://www.nrc.gov/reading-rm/adams.html> and at the NRC Public Document Room in accordance with Title 10 of the *Code of Federal Regulations* 2.390, "Public Inspections, Exemptions, Requests for Withholding."

Sincerely,

/RA/

James C. Shehee, Chief
Plant Support Branch
Division of Reactor Safety

Docket Nos. 05000335 and 05000389
License Nos. DPR-67 and NPF-16

Enclosure:
As stated

cc w/ encl: Distribution via LISTSERV

SUBJECT: ST LUCIE NUCLEAR PLANT – SECURITY BASELINE INSPECTION REPORT
05000335/2020401 AND 05000389/2020401 dated January 05, 2021

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OFFICE	RII/DRS	RII/DRS	RII/DRS		
NAME	J. Tornow	R. Patterson	J. Shehee		
DATE	12/29/2020	12/23/2020	01/05/2021		

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**U.S. NUCLEAR REGULATORY COMMISSION
Inspection Report**

Docket Numbers: 05000335 and 05000389

License Numbers: DPR-67 and NPF-16

Report Numbers: 05000335/2020401 and 05000389/2020401

Enterprise Identifier: I-2020-401-0039

Licensee: Florida Power & Light Company

Facility: St Lucie Nuclear Plant

Location: Jensen Beach

Inspection Dates: May 11 to 15, 2020 (Remote)
September 28, 2020 to October 02, 2020 (Onsite)

Inspectors: J. Tornow, Physical Security Inspector
R. Patterson, Physical Security Inspector

Approved By: James C. Shehee, Chief
Plant Support Branch
Division of Reactor Safety

Enclosure

SUMMARY

The U.S. Nuclear Regulatory Commission (NRC) continued monitoring the licensee's performance by conducting a security baseline inspection at St Lucie Nuclear Plant, in accordance with the Reactor Oversight Process. The Reactor Oversight Process is the NRC's program for overseeing the safe operation of commercial nuclear power reactors. Refer to <https://www.nrc.gov/reactors/operating/oversight.html> for more information.

List of Findings and Violations

No findings or violations of more than minor significance were identified.

Additional Tracking Items

None.

INSPECTION SCOPES

Unless otherwise noted, baseline security inspections were conducted in accordance with the appropriate portions of the inspection procedures (IPs) in effect at the beginning of the inspection. Samples were declared complete when the IP requirements most appropriate to the inspection activity were met consistent with Inspection Manual Chapter 2201, "Security Inspection Program for Commercial Nuclear Power Reactors." The inspectors reviewed selected procedures and records, observed activities, and interviewed personnel to assess licensee performance and compliance with Commission rules and regulations, license conditions, site procedures, and standards. Publicly available IPs are located at: <http://www.nrc.gov/reading-rm/doc-collections/insp-manual/inspection-procedure/index.html>.

Starting on March 20, 2020, in response to the National Emergency declared by the President of the United States on the public health risks of the coronavirus (COVID-19), regional inspectors were directed to begin teleworking. The inspection documented below was completed through a combination of remote and onsite inspection.

SAFEGUARDS

71130.02 - Access Control

Access Control (1 Sample)

- (1) Tier I: All Requirements
Tier II: None
Tier III: 1 Requirement (02.09)

71130.04 - Equipment Performance, Testing, and Maintenance

The inspectors evaluated the security equipment testing and maintenance program. The following elements were evaluated from this IP dated 08/23/2018.

Equipment Performance, Testing, and Maintenance (1 Partial Sample)

- (1) (Partial)
Tier I: 02-01(a), 02-02(a-i), 02.03(a-c), 02.04(a-g), 02.05(a), (c-d), 02.06(a), (c-e), 02.07(a-d), 02-08(a-e)
Tier II: None
Tier III: 1 Requirement (02.14)

71130.07 - Security Training

The inspectors evaluated the security training program through completion of the following procedure elements:

Security Training (1 Partial Sample)

- (1) (Partial)

Tier I: 02.01(a), 02.02(a-h), 02.03(a-e), 02.04(a-b)
Tier II: None
Tier III: 1 Requirement (02.10)

71130.09 - Security Plan Changes (1 Sample)

The inspectors evaluated the security plan changes through completion of the following procedure elements: Security Plan Revision 21 was implemented based on your determination, in accordance with 10 CFR 50.54 (p)(2), that the changes resulted in no decrease in safeguards effectiveness of the security plan, and that the revised security plan continues to meet the requirements of 10 CFR 73.55(b). The inspectors conducted a review of the security plan changes to evaluate for potential decreases in safeguards effectiveness of the security plan. However, this review does not constitute formal NRC approval of the changes, therefore, these changes remain subject to future NRC inspections in their entirety.

OTHER ACTIVITIES – BASELINE

71151 - Performance Indicator Verification

The inspectors verified licensee performance indicators submittals listed below:

PP01: Protected Area Security Equipment Performance Index Sample (IP Section 02.17) (1 Sample)

(1) November 2019 through October 2020

INSPECTION RESULTS

No findings were identified.

EXIT MEETINGS AND DEBRIEFS

The inspectors verified no proprietary information was retained or documented in this report.

- On December 16, 2020, the inspectors presented the security baseline inspection results to Orlando Hernandez and other members of the licensee staff.

DOCUMENTS REVIEWED

Inspection Procedure	Type	Designation	Description or Title	Revision or Date
71130.02	Corrective Action Documents	02298925	INGRESS CARD READER NOT FUNCTIONING AS DESIGNED	01/23/2019
		02333380	DISCOVERY OF UNAUTHORIZED PROHIBITED ITEM	10/29/2019
	Procedures	SY-AA-102-1020	SECURITY BADGE CONTROL AND USE	3
		SY-AA-102-1021	CONDUCT OF PERSONNEL SEARCHES	13
		SY-AA-102-1022	VEHICLE AND MATERIAL SEARCHES	12
SY-AA-102-1023	VISITOR ACCESS CONTROL	8		
71130.04	Corrective Action Documents	02297825	EXCESSIVE STRIKE MAINTENANCE ALARMS AT XXX	01/14/2019
		02301903	D205I CARD READER TAMPER	02/14/2019
		02305219	LOOSE BBRE WINDOW BOLTS	03/12/2019
	Procedures	SY-AA-102-1018	CONTROL OF SECURITY SENSITIVE EQUIPMENT	8
		SY-AA-102-1025	WEAPONS MAINTENANCE	7
		SY-AA-102-1033	SECURITY EQUIPMENT TESTING	5
		SY-AA-102-1035	SECURITY PERFORMANCE ASSESSMENT PROGRAM	11
71130.07	Procedures	SY-AA-102-1001	SECURITY TRAINING	7
		SY-AA-102-1002	NEW HIRE TRAINING AND QUALIFICATION	6
		SY-AA-102-1003	FIRING RANGE OPERATIONS	9
		SY-AA-102-1007	GRADED SYSTEMATIC APPROACH TO SECURITY TRAINING	7
		SY-AA-102-1026	SECURITY POSTS AND PATROLS	6
		SY-AA-102-1032	USE OF FORCE	3
71130.09	Procedures	SY-AA-102-1034	CONDUCT OF SECURITY	9
		SY-AA-200	SECURITY PLANS, CHANGES OR REVISIONS	3
		SY-AA-200-1000	PHYSICAL SECURITY PLAN REVISIONS	14
71151	Procedures	LI-AA-100-10003	NRC PERFORMANCE INDICATOR	03